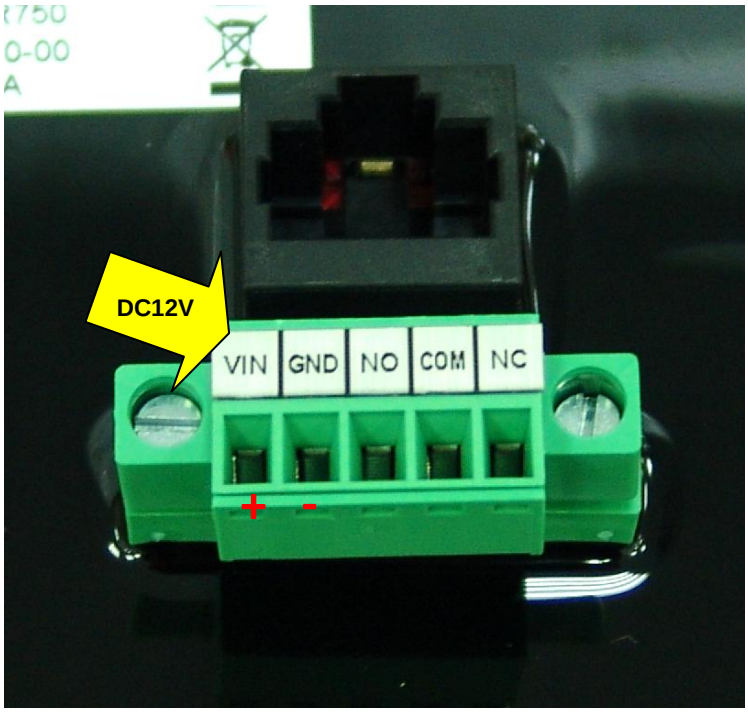
Ethernet Reader ER750/ER755
Quick Start

Connect Reader to Ethernet Network

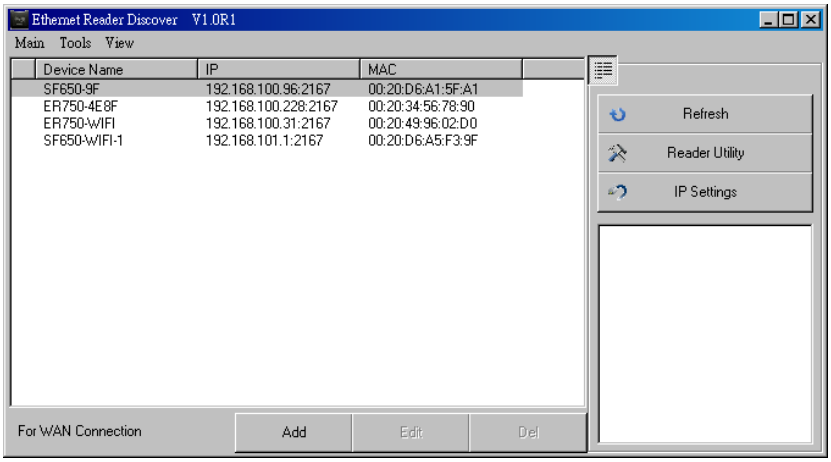
1

Connect Reader to Ethernet Network	
Step 1 Connect the ER750/ER755 reader to an Ethernet hub via the Ethernet cable. ***Note:*** *Or you can connect the ER750/ER755 reader to your PC/Laptop directly by one Ethernet cable.*	
Step 2 Connect the power (DC12V) to the pin VCC and GND. ***Note:*** *Or you can connect an ER750-10/ER755-10 reader to your P.O.E HUB*	

Step 3

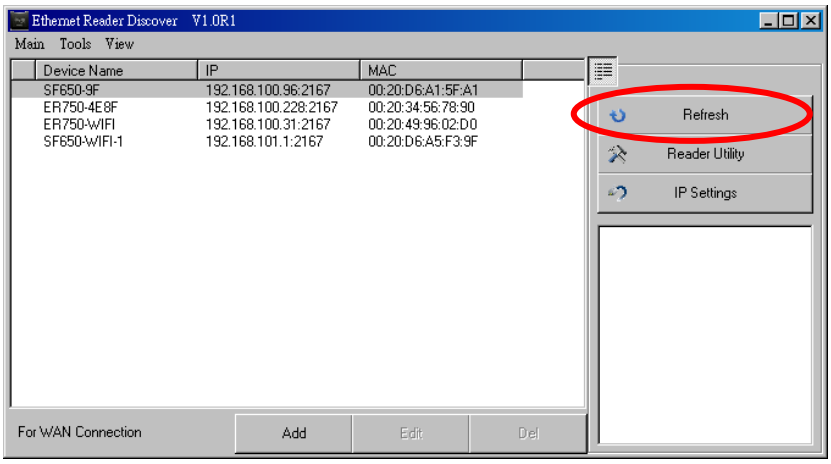
Use “EthernetReaderDiscover” software to search all of our available Ethernet devices on network.

(This software can be found in the installation CD “disk5453”).



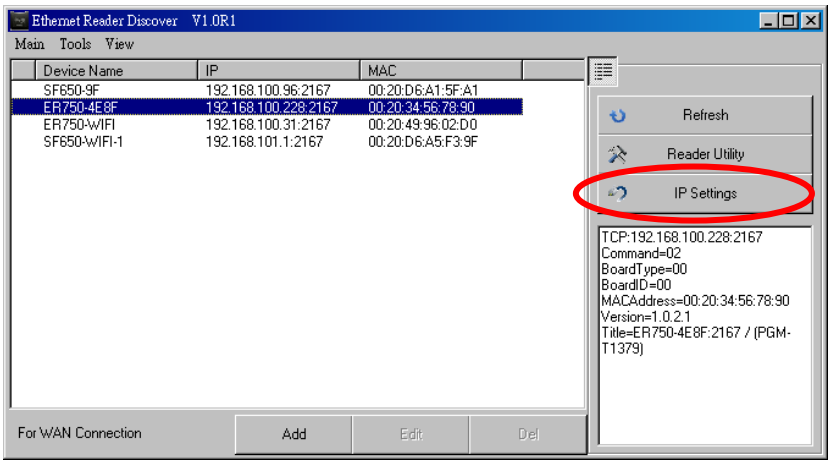
Step 4.

Click “Refresh” to refresh the Ethernet reader list.



Step 5. (Optional)

Click “IP Settings” to change the new device name on network.



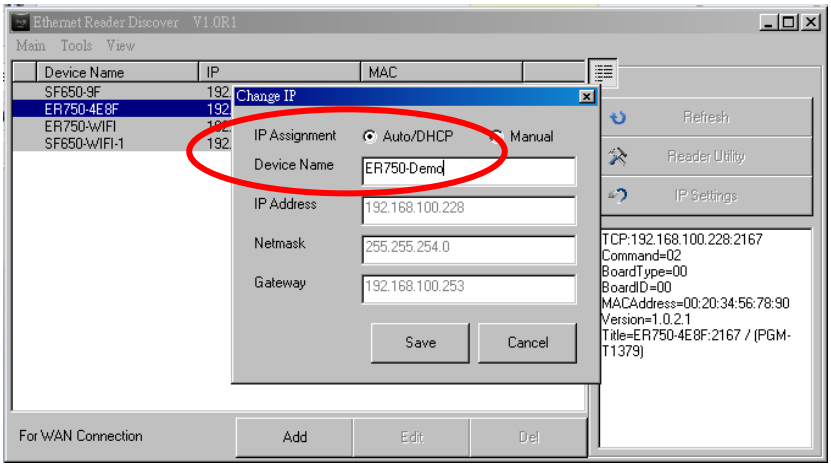
Step 6. (Optional)

Edit the ER750/ER755 device name for easy recognition.

Click "Save" to update settings.

NOTICE:

If you have to manually set IP address, you can click "Manual" and then setup IP address of the device.

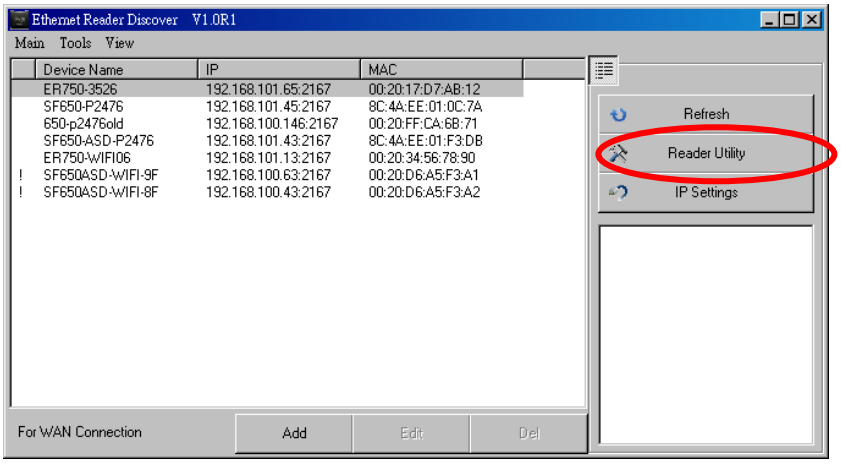


Configure ER750/ER755 Reader Settings

Step 1

Run “EthernetReaderDiscover” software to search all available Ethernet devices on network.

Select your device, and then click “Reader Utility”.



Remark:

“ ” – means the communication successfully by the IP address and the device name.

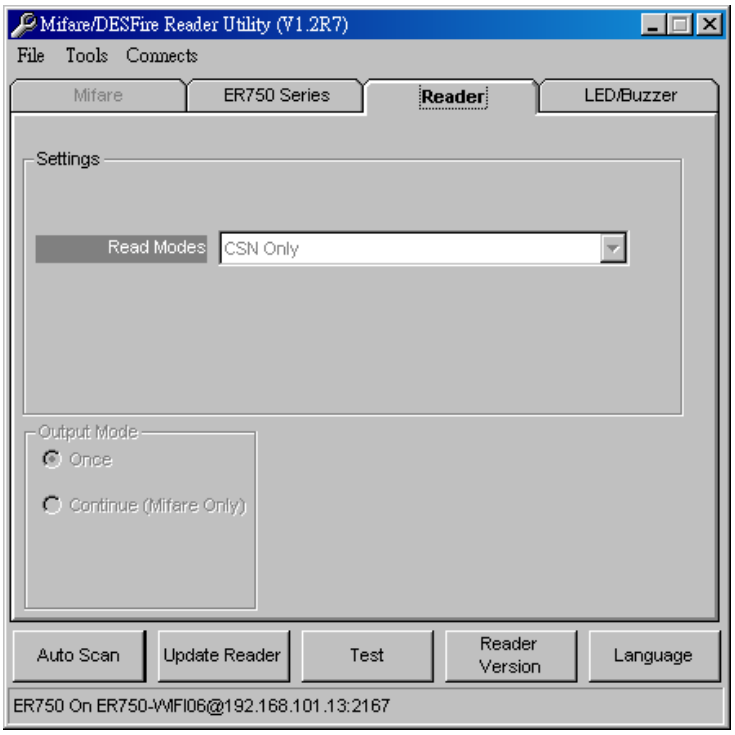
“ ! ” – means the communication by the IP address.

“ X” – means the communication fail.

Step 2

The “Ethernet Reader Discover” utility will execute the “Mifare/DESfire Reader Utility” and connect to the selected reader.

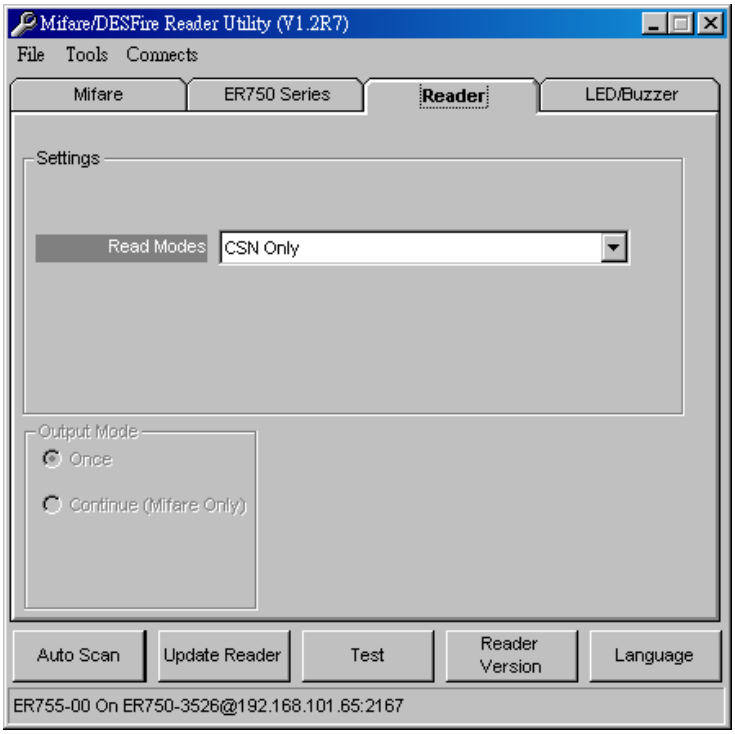
< ER750 >



Remark:

For ER750, the “Read Mode” fixed to “CSN Only”.

< ER755>



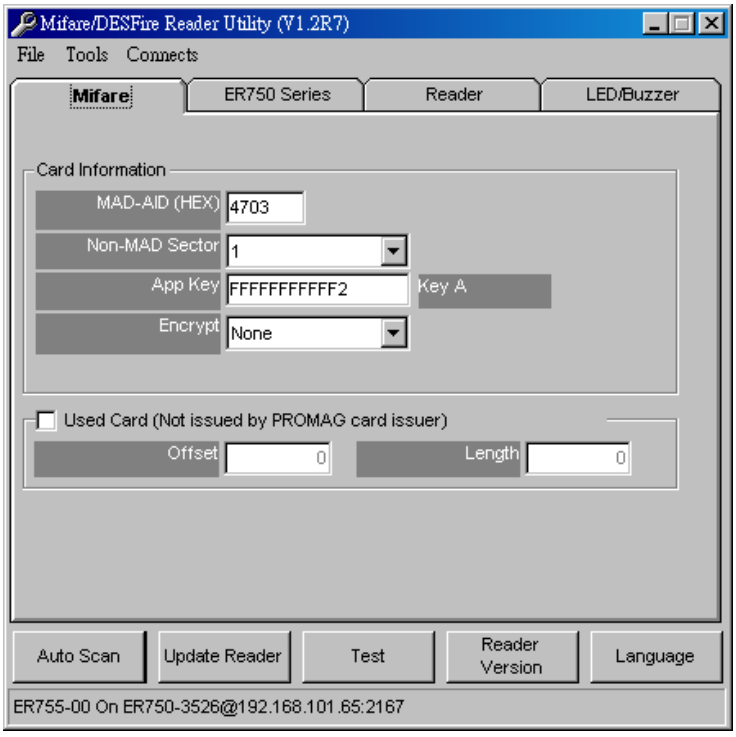
Remark:

For ER755, the "Read Mode" can be switch to:

"CSN Only"/ "Card Data Only"/ "Card Data or CSN (when card error)"

Remark:

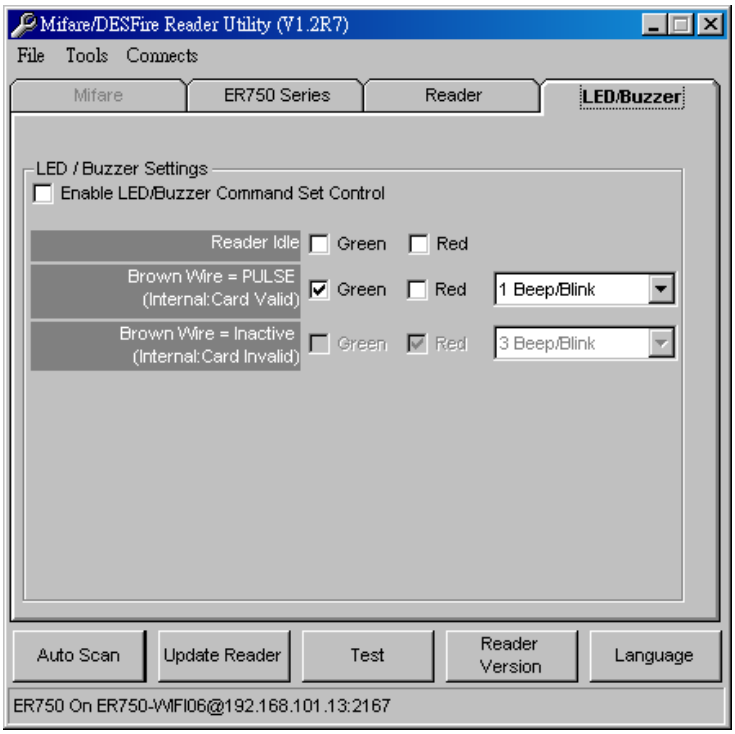
For the "Read Mode" is "Card Data Only", you have to enter the card's app key or offset & length for used card in the "Mifare" pane as below picture:



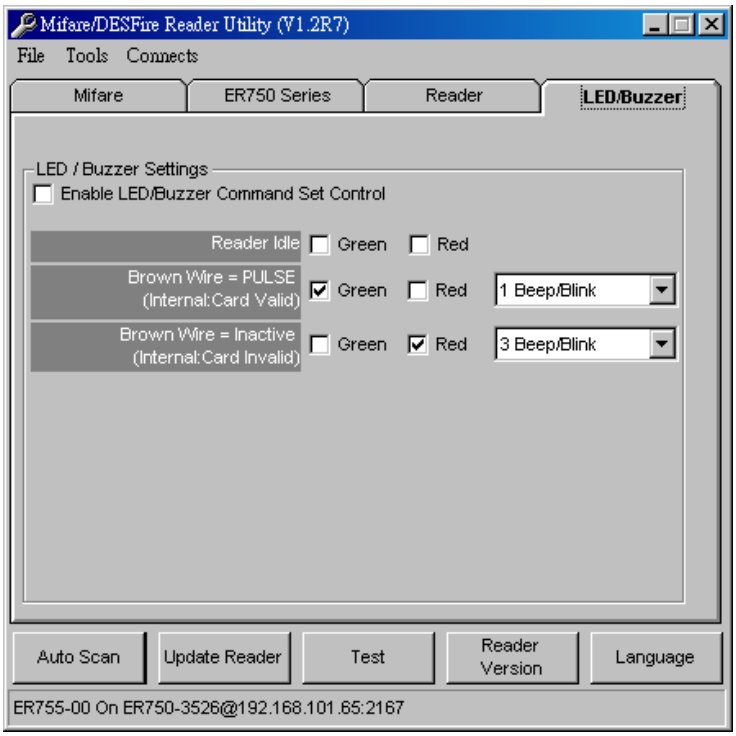
Step 3

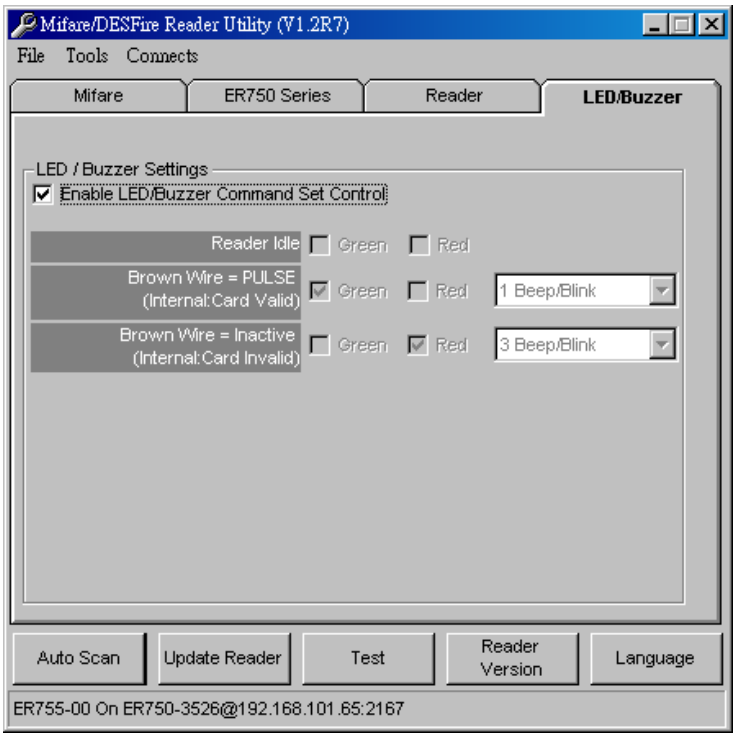
Configure the LED/buzzer appearance.

< ER750>



<ER755>





Remark:

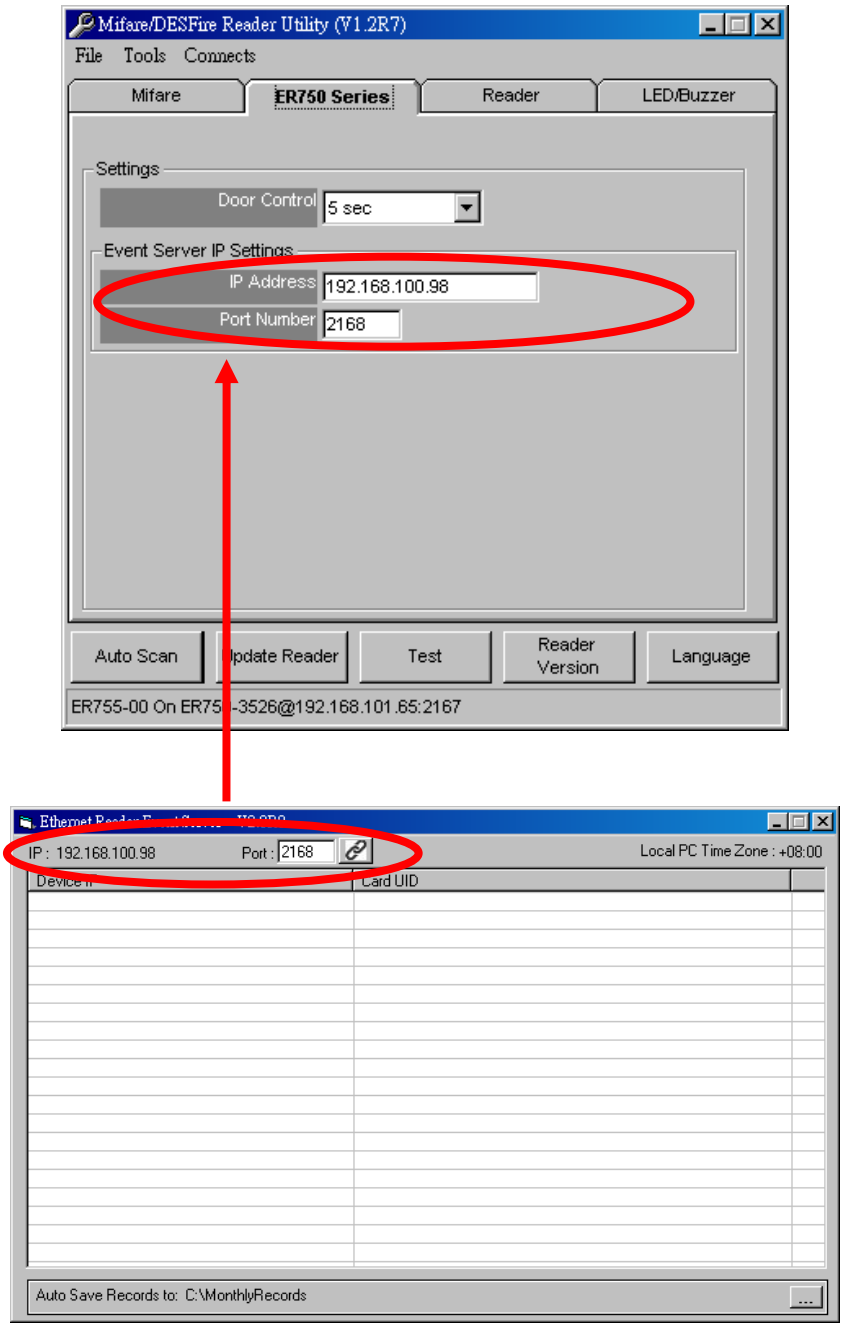
If you have to control hardware by commands, please check "Enable LED/Buzzer Command Set Conatrol" before update configures.

Step 4

Then setup device settings and IP settings.

Remark:

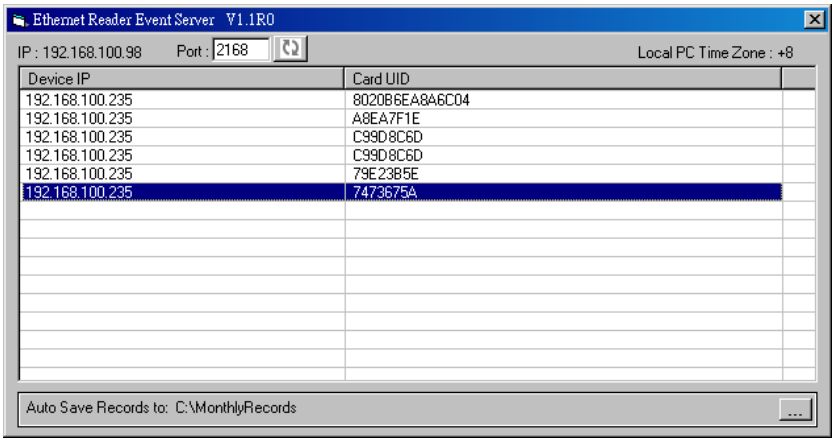
type in same settings as Event Server software (both of the IP Address and the Port Number).



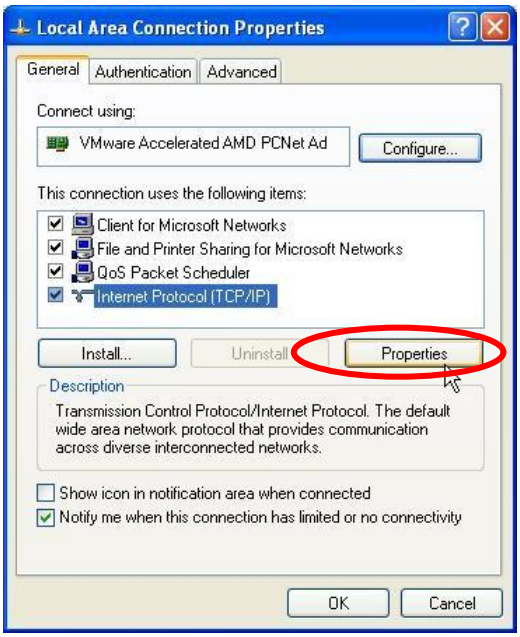
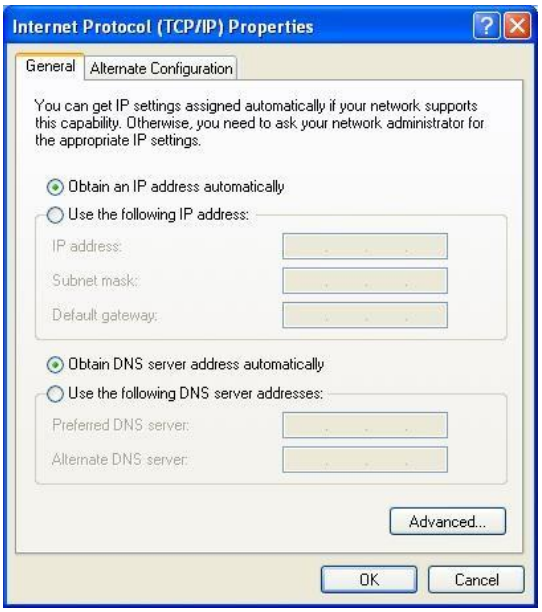
Step 5

Begin to receive the event from the device.

We open the Event Server source code in VB language, and hope that can help you easily to integrate Event Server into your system.



Trouble Shooting – Set to Auto IP Mode

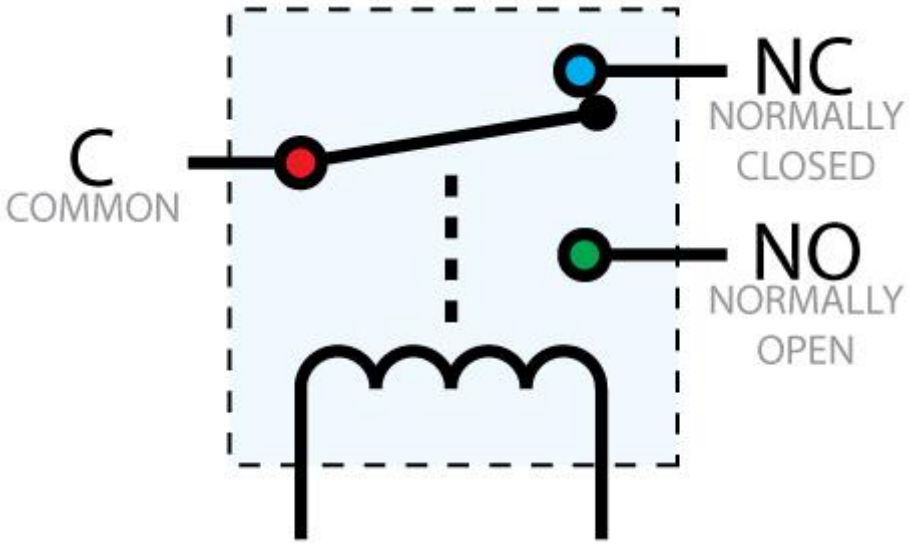
How to change PC/Laptop network setting to support the Auto IP mode	
Step 1 Most of the PC/Laptop network default setting is “Obtain an IP address automatically” (auto IP mode). If not, you can follow the steps to change the network setting to auto IP mode. Go to: Control Panel > Network and Internet Connections > Local Area Connection Properties	
Step 2 General select Internet Protocol (TCP/IP) and click Properties.	
Step 3 Select the “Obtain an IP address automatically. Then click “OK”.	

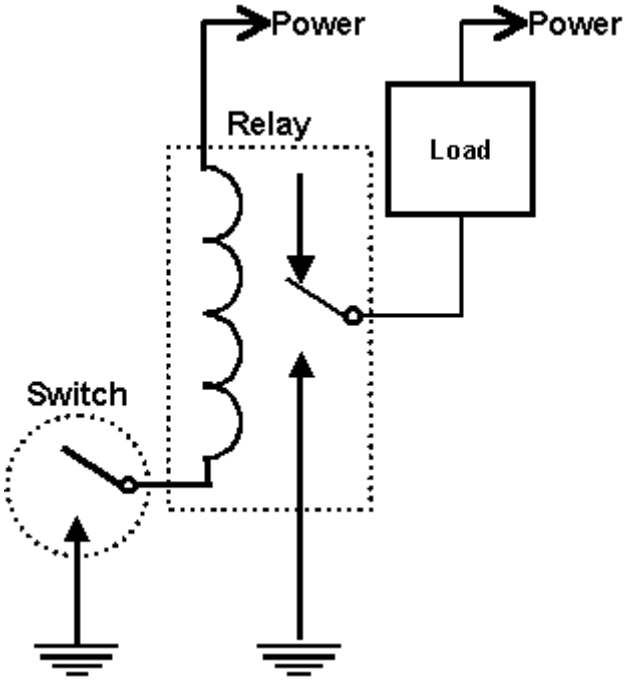
Step 4 Connect the ER750/ER755 reader to PC/Laptop via Ethernet cable then power on the ER750/ER755 reader.	

Wire Connect to the Door Lock Suggestion

The ER750 does not supplying power for the electronic lock, so please reference below pictures to connect the lock. Load means the lock. Connects VIN to power, GND to common, and the power supply's ground connect to NO (Normally Open).

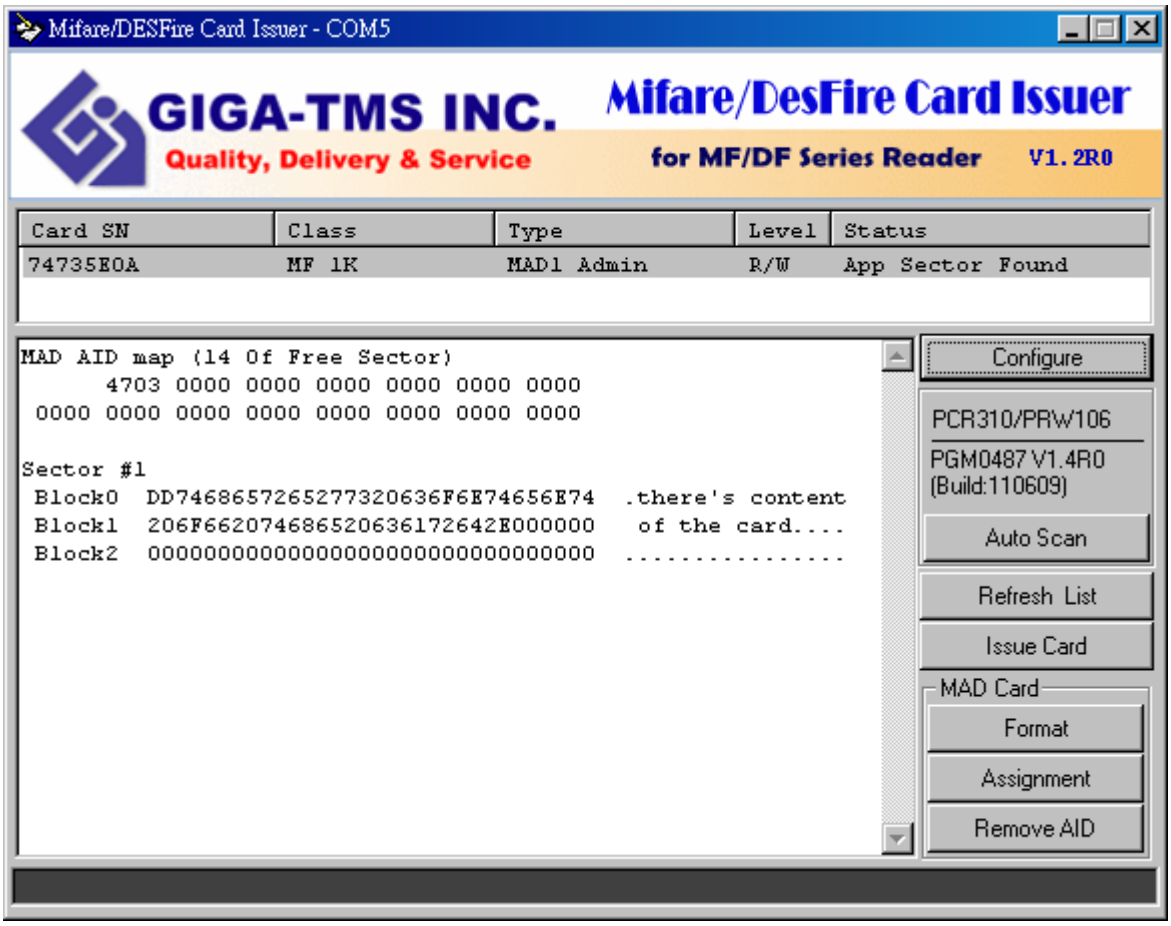
The ER750 wire assignment please references the document: "ER750 Series Wires Assignment.pdf".



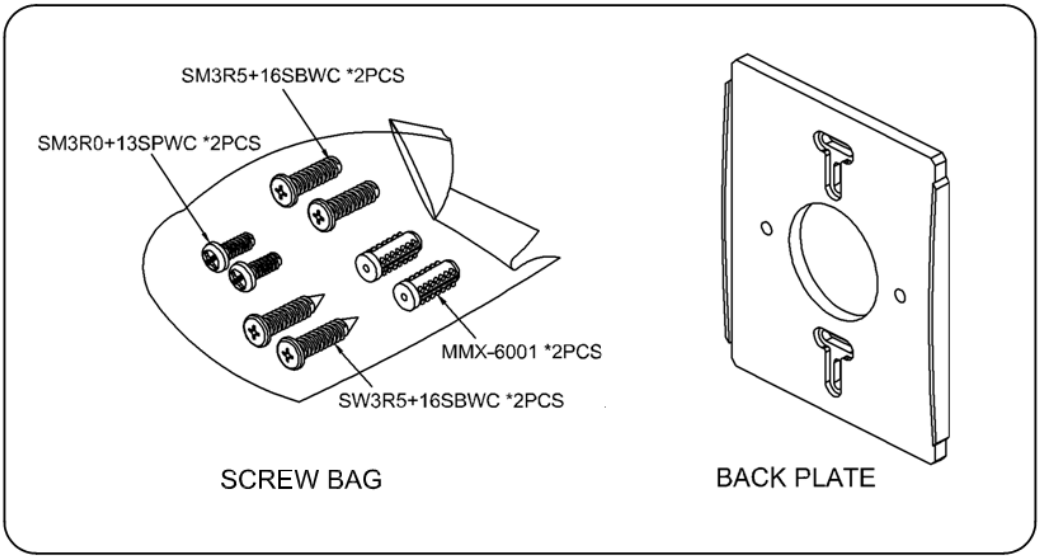


Issue Card Software

If you have the requirement about issue user card immediately, we have the Mifare/DESFire Card Issuer software to help you that issue the user card easily and quickly, and you should have a “PCR310 R/W device” for issue cards, please contact the sales for more information.



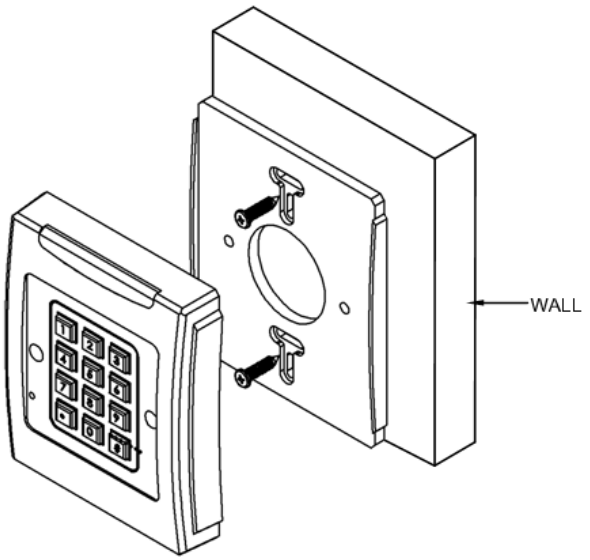
Requlred Items

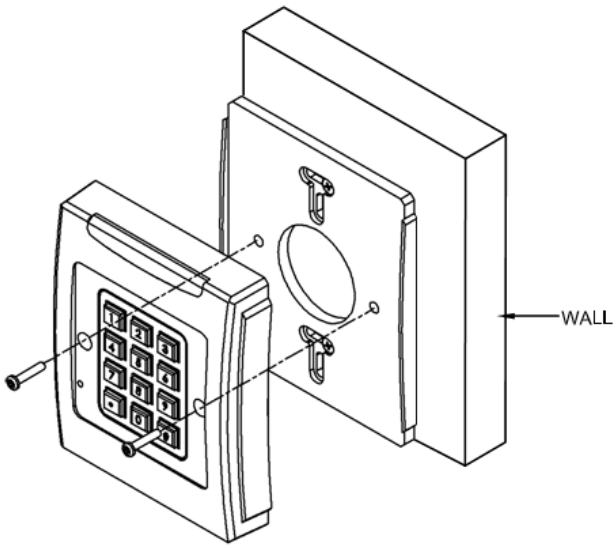


Back Plate Installatlon

1.
Flx the back plate onto the wall wlth screw#M3.5。

2.
Assemble the Houslng wlth screw#M3。





The above houslng ls reference only

CAUTION:

The crossed out wheeled bin label that can be found on your product indicates that this product should not be disposed of via the normal household waste stream.
To prevent possible harm to the environment or human health please separate this product from other waste streams to en-sure that it can be recycled in an environmentally sound manner.
For more details on available collection facilities please contact your local government office or the retailer where you purchased this product.
This information only applies to customers in the European Union.
For other countries, please contact your local government to investigate the possibility of recycling your product.

PROMAG®

GIGA-TMS INC.

http://www.gigatms.com.tw
mailto:promag@gigatms.com.tw
TEL : +886-2-26954214
FAX : +886-2-26954213
Office: 8F, No. 31,Lane 169, Kang-Ning St.,Hsi-Chih, Taipei, Taiwan